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JUL 31 2006

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000029053 7590 05/04/2006

DALLAS OFFICE OF FULBRIGHT & JAWORSKI L.L.P.

2200 ROSS AVENUE
SUITE 2800

DALLAS, TX 75201-2784

08/02/2006 SFELEKE2 00000003 10789662

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Scott Matthews

(Depositor's name)

Scott Matthews

(Signature)

July 31, 2006

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/789,662	02/27/2004	Hans Peter Bluern	63951/P013US/10211125	7571

TITLE OF INVENTION: AXISYMMETRIC EMITTANCE-COMPENSATED ELECTRON GUN

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	08/04/2006
EXAMINER	ART UNIT		CLASS-SUBCLASS		
A, MINH D	2821		315-500000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

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2 Fulbright & Jaworski LLP

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(A) NAME OF ASSIGNEE

Advanced Energy Systems, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Medford, New York

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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Authorized Signature

Robert M. Chiavello

Date July 31, 2006

Typed or printed name

Robert M. Chiavello, Jr.

Registration No. 32,461

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/789,662-Conf. #7571
		Filing Date	February 27, 2004
		First Named Inventor	Hans P. Bluem
		Art Unit	2821
		Examiner Name	M. D. A
Total Number of Pages in This Submission	3	Attorney Docket Number	63951/P013US/10211125

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	FULBRIGHT & JAWORSKI L.L.P.		
Signature			
Printed name	Robert M. Chiaviello, Jr.		
Date	July 31, 2006	Reg. No.	32,461

Transmittal

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MS Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: July 31, 2006

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